

## 815 Connecticut Avenue, N.W., Suite 610 Washington, D.C. 20006

14 October 2008

**WT Docket No. 06-136** 

Office of the Secretary Federal Communications Commission The Portals 445 Twelfth Street, S.W. 12th Street Lobby, TW-A325 Washington, DC 20554

RE: Post-Transition Notification - Clearwire Spectrum Holdings LLC

Transition of the 2500-2690 MHz Band for BRS and EBS

Transition Area: BTA Number 245: Las Vegas, NV

#### Dear Ms. Dortch:

Clearwire Spectrum Holdings LLC, a wholly-owned subsidiary of Clearwire Corporation (together "Clearwire"), and the designated Proponent for the market, hereby notifies the Commission, pursuant to Section 27.1235 of its Rules, that it has completed the Transition for BTA Number 245: Las Vegas, NV.

As required by Section 21.1235, attached hereto are the following:

- **Exhibit 1** which contains a list of the licensees that have transitioned to the new band plan; and
  - Exhibit 2 listing each station in the MBS including
    - the station coordinates,
    - antenna make and model,
    - the horizontal and vertical pattern of the antenna,
    - the EIRP of the main lobe,
    - antenna orientation,
    - height of the antenna center of radiation,
    - transmitter output power, and
    - the line and combiner losses.

As required by Section Section 27.1235(c), a copy of the subject Post-Transition Notification is being served on all parties to the transition of this market as listed in **Exhibit 1.** 

If you have any questions regarding this matter please contact Brandon Bullis, Director of Spectrum Development, at (202) 351-5021 or the undersigned at (202) 429-0107.

Sincerely,

Jerry B Natoli

Terri B. Natoli

Joel Taubenblatt, Chief, Broadband Division, WTB cc: John Schauble, Deputy Chief, Broadband Division, WTB Consuela Kearney, Industry Analyst, Broadband Division, WTB

# **Exhibit 1 List of Facilities That Have Been Transitioned**

The authorizations listed below have been transitioned by Clearwire to the frequencies assigned to them under §27.5(i)(2). In the case of authorizations for BRS channels 1 and/or 2 (identified by "M1" and "M2"), the Proponent has no responsibility for transitioning facilities operating on these channels. The post-transition frequency assignments for BRS channels 1 and 2 are being reserved for future accommodation of services licensed for these channels.

## BTA #245: Las Vegas, NV

B245, Superchannels Of Las Vegas, Inc.	Channels: M1M2AE1E2E3E4F1F2F3F4 H1H2H3
KZH32, Clark County School District	Channels: C1C2C3C4
KZH33, Clark County School District	Channels: E3E4F3F4
WHT721, Line of Site, Inc.	Channels: E3E4
WHT722, NW Spectrum Co.	Channels: F1F2
WHT724, NW Spectrum Co.	Channels: E1E2
WKR65, American Telecasting, Inc.	Channels: M2
WLX370, Hispanic Information and Telecommunications Network, Inc.	Channels: B1B2B3B4
WLX450, North American Catholic Educational Programming Foundation, Inc.	Channels: A1A2A3A4
WLX503, North American Catholic Educational Programming Foundation, Inc.	Channels: C1C2C3C4
WLX694, Instructional Telecommunications Foundation, Inc.	Channels: G1G2G3G4
WLX803, Clarendon Foundation	Channels: D1D2D3D4
WNC640, American Found For Instru'l TV	Channels: D1D2D3D4
WNC641, Foreign Language & Cultural Fd.	Channels: B1B2B3B4
WNC642, Excellence In Education Network	Channels: G1G2G3G4
WNC655, Foreign Language & Cultural Fd.	Channels: G1G2G3G4
WNC656, Excellence In Education Network	Channels: D1D2D3D4
WNC657, American Found For Instru'l TV	Channels: B1B2B3B4
WNC682, Clark County School District	Channels: A1A2A3A4

# Exhibit 1 List of Facilities That Have Been Transitioned (continued)

WNC842, Clark County School District

WNC851, Clark County School District

Channels: C1C2C3C4

WNC934, Clark County School District

Channels: B1B2B3B4

WND285, Needles Unified School District

Channels: C1C2C3C4

WNTH951, Via/Net Companies Channels: H1

WNTH999, Superchannels of Las Vegas, Inc. Channels: H2

WNTJ881, Alda Tucson, Inc. Channels: H3

WQCN526, Hispanic Information & Telecommunications Channels: A1A2A3A4

Network, Inc.

WQGH651, NW Spectrum Co. Channels: E1E2

WWZ51, Via/Net Companies Channels: M1

## List of Required Technical Parameters for Stations In The MBS Page 1 of 8

## Clearwire BTA #245: Las Vegas, NV

## B245, Superchannels Of Las Vegas, Inc.

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel E4: 2608.0 - 2614.0 MHz MBS Channel F4: 2602.0 - 2608.0 MHz

This licensee is not currently operating in the Mid-Band Segment

## **KZH32, Clark County School District**

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel C4: 2584.0 - 2590.0 MHz

This licensee is not currently operating in the Mid-Band Segment

## **KZH33, Clark County School District**

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel E4: 2608.0 - 2614.0 MHz MBS Channel F4: 2602.0 - 2608.0 MHz

This licensee is not currently operating in the Mid-Band Segment

## WHT721, Line of Site, Inc.

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel E4: 2608.0 - 2614.0 MHz

This licensee is not currently operating in the Mid-Band Segment

## WHT722, NW Spectrum Co.

Post-Transition MBS Parameters:

This license does not include MBS channels

## List of Required Technical Parameters for Stations In The MBS Page 2 of 8

## Clearwire BTA #245: Las Vegas, NV

## WHT724, NW Spectrum Co.

Post-Transition MBS Parameters:

This license does not include MBS channels

### WKR65, American Telecasting, Inc.

Post-Transition MBS Parameters:

This license does not include MBS channels

### WLX370, Hispanic Information and Telecommunications Network, Inc.

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel B4: 2578.0 - 2584.0 MHz

This licensee is not currently operating in the Mid-Band Segment

## WLX450, North American Catholic Educational Programming Foundation, Inc.

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel A4: 2572.0 - 2578.0 MHz

This licensee is not currently operating in the Mid-Band Segment

## WLX503, North American Catholic Educational Programming Foundation, Inc.

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel C4: 2584.0 - 2590.0 MHz

This licensee is not currently operating in the Mid-Band Segment

## List of Required Technical Parameters for Stations In The MBS Page 3 of 8

## Clearwire BTA #245: Las Vegas, NV

#### WLX694, Instructional Telecommunications Foundation, Inc.

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel G4: 2596.0 - 2602.0 MHz

Transmitting Site# 1: Fitzgerald Hotel

Coordinates: 36-10-10.9, 115-08-34.0 Elevation: 2015.0 feet ( 614.2 meters)

Antenna # 1: Make/Model: AND HMD12VO, Gain: 13.0 dBi Polarity: V, Beamwidth: 360.0 deg., Orientation: 0.0 deg.,

Transmitter Power Output: 10.0 watts (average), Total Loss: 2.2 dB, EIRP: 20.8 dBw

Antenna Center of Radiation Height AGL: 485.0 feet (147.8 meters)

#### WLX803, Clarendon Foundation

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel D4: 2590.0 - 2596.0 MHz

This licensee is not currently operating in the Mid-Band Segment

#### WNC640, American Found For Instru'l TV

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel D4: 2590.0 - 2596.0 MHz

This licensee is not currently operating in the Mid-Band Segment

#### WNC641, Foreign Language & Cultural Fd.

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel B4: 2578.0 - 2584.0 MHz

This licensee is not currently operating in the Mid-Band Segment

#### WNC642, Excellence In Education Network

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel G4: 2596.0 - 2602.0 MHz

This licensee is not currently operating in the Mid-Band Segment

## List of Required Technical Parameters for Stations In The MBS Page 4 of 8

## Clearwire BTA #245: Las Vegas, NV

#### WNC656, Excellence In Education Network

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel D4: 2590.0 - 2596.0 MHz

This licensee is not currently operating in the Mid-Band Segment

## WNC655, Foreign Language & Cultural Fd.

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel G4: 2596.0 - 2602.0 MHz

This licensee is not currently operating in the Mid-Band Segment

### WNC657, American Found For Instru'l TV

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel B4: 2578.0 - 2584.0 MHz

This licensee is not currently operating in the Mid-Band Segment

### WNC682, Clark County School District

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel A4: 2572.0 - 2578.0 MHz

This licensee is not currently operating in the Mid-Band Segment

#### WNC842, Clark County School District

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel C4: 2584.0 - 2590.0 MHz

This licensee is not currently operating in the Mid-Band Segment

## List of Required Technical Parameters for Stations In The MBS Page 5 of 8

## Clearwire BTA #245: Las Vegas, NV

## WNC851, Clark County School District

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel A4: 2572.0 - 2578.0 MHz

Transmitting Site# 1: Black Mountain

Coordinates: 36-06-41.9, 115-07-15.0 Elevation: 3350.1 feet (1021.1 meters)

Antenna # 1: Make/Model: AND HMD12VO, Gain: 13.0 dBi Polarity: V, Beamwidth: 360.0 deg., Orientation: 0.0 deg.,

Transmitter Power Output: 10.0 watts (average), Total Loss: 2.2 dB, EIRP: 20.8 dBw

Antenna Center of Radiation Height AGL: 65.0 feet (19.8 meters)

## WNC934, Clark County School District

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel B4: 2578.0 - 2584.0 MHz

This licensee is not currently operating in the Mid-Band Segment

### WND285, Needles Unified School District

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel C4: 2584.0 - 2590.0 MHz

This licensee is not currently operating in the Mid-Band Segment

### WNTH951, Via/Net Companies

Post-Transition MBS Parameters:

This license does not include MBS channels

### WNTH999, Superchannels of Las Vegas, Inc.

Post-Transition MBS Parameters:

This license does not include MBS channels

## List of Required Technical Parameters for Stations In The MBS Page 6 of 8

## Clearwire BTA #245: Las Vegas, NV

## WNTJ881, Alda Tucson, Inc.

Post-Transition MBS Parameters:

This license does not include MBS channels

## WQCN526, Hispanic Information & Telecommunications Network, Inc.

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel A4: 2572.0 - 2578.0 MHz

This licensee is not currently operating in the Mid-Band Segment

## WQGH651, NW Spectrum Co.

Post-Transition MBS Parameters:

This license does not include MBS channels

## WWZ51, Via/Net Companies

Post-Transition MBS Parameters:

This license does not include MBS channels

\* NOTE: Antenna Patterns follow on pages 7 and 8.

# List of Required Technical Parameters for Stations In The MBS Antenna Pattern Information

Exhibit 2

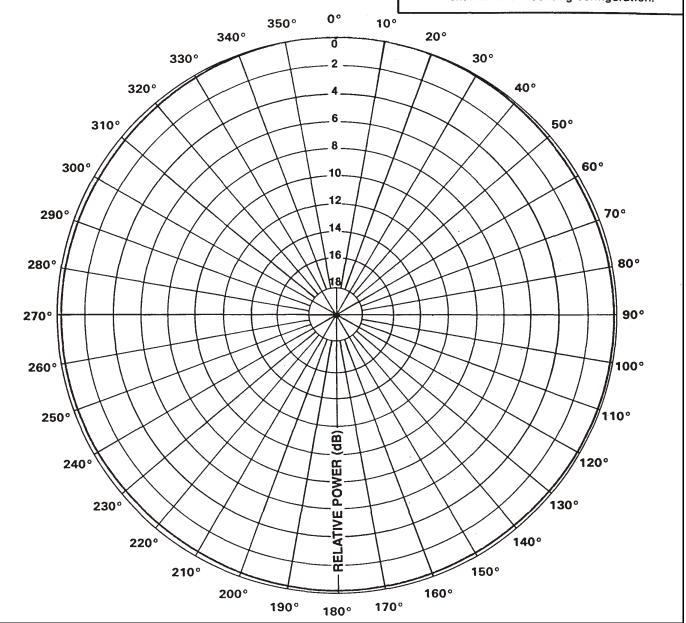
Clearw°re Las Vegas, NV (BTA# 245)

## ANDREW AZIMUTH PATTERN

Number	Antenna	Power	
of Bays	Type	Gain	(dbi)
4	HMD4VO	4.3	8.5
8	HMD8VO	8.6	11.5
12	HMD12VO	12.1	13.0
16	HMD16VO	15.2	14.0
24	HMD24VO	24.2	16.0

Type:	HMD-VO		
Directivity: Peak(s) At: Polarization:	Numeric 1.00 N/A (Omni Vertical	0.00 )	
Channel: Location:	2500 - 270	00 MHz	

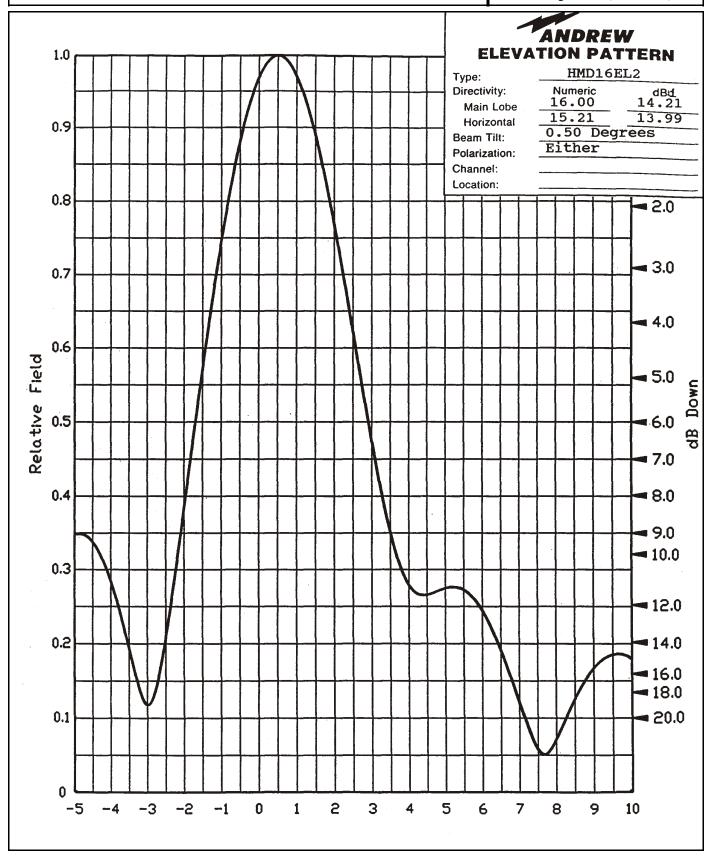
NOTE: Pattern shape and directivity may vary with channel and mounting configuration.



# List of Required Technical Parameters for Stations In The MBS Antenna Pattern Information

## Exhibit 2

Clearw°re Las Vegas, NV (BTA# 245)



## **Certification**

Pursuant to Section 27.1235 of the Commission's Rules, Clearwire Spectrum Holdings LLC certifies that it has completed the transition of the Las Vegas, NV Basic Trading Area, BTA #245.

Terri B. Natoli

Terri B Natoli